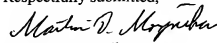


This Supplemental Information Disclosure Statement under 37 CFR 1.56 is not to be construed as a representation that a search has been made, that additional matter which is material to the examination of this application does not exist, or that any or more of these citations constitutes prior art.

Respectfully submitted,



Martin D. Moynihan

Registration No. 40,338

Dated: December 31, 2006

03/13/2008



Sheet 1 of 3

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)

Atty. Docket No.
910/12

Application No.
03/186,200

APPLICANT
Tuvia PERETZ et al

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA							

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
AB							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AC	Wight et al, "The Role of Proteoglycans in Cell Adhesion, Migration and Proliferation", <i>Curr. Opin. Cell Biol.</i> , 4:793-801, 1992 <i>20437</i>
AD	Jackson et al, "Glycosaminoglycans: Molecular Properties, Protein Interactions and Role in Physiological Processes", <i>Physiol. Rev.</i> , 71:481-539, 1991 <i>20437</i>
AE	Wight et al, "Cell Biology Of Arterial Proteoglycans", <i>Arteriosclerosis</i> , 9:1-20, 1989
AF	Kjellen et al, "Proteoglycans: Structures and Interactions", <i>Annu. Rev. Biochem.</i> , 60: 443-475, 1991
AG	Ruoslahti et al, "Proteoglycans as Modulators of Growth Factor Activities", <i>Cell</i> , 64: 867-869, 1991
AH	Vlodavsky et al, "Extracellular Matrix-Bound Growth Factors, Enzymes and Plasma Proteins" In <i>Basement Membranes: Cellular and Molecular Aspects</i> (eds. Rohrbach and Tirup), Academic Press, Inc., Orlando, Fla., 327-343, 1993
AI	Vlodavsky et al, "Expression of Heparanase by Platelets and Circulating Cells of the Immune System: Possible Involvement in Diapedesis and Extravasation", <i>Invasion & Metastasis</i> , 12: 112-127, 1992
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AK	Nakajima et al, "Heparanase and Tumor Metastasis", <i>J. Cell Biochem.</i> , 36: 157-167, 1988
AL	Liotta et al, "Tumor Invasion and the Extracellular Matrix", <i>Lab. Invest.</i> , 49: 639-649, 1983
AM	Vlodavsky et al, "Lymphoma Cell Mediated Degradation of Sulfated Proteoglycans in the Subendothelial Extracellular Matrix", <i>Cancer Res.</i> , 43: 2704-2711, 1983
AN	Vlodavsky et al, "Involvement of Heparanase in Tumor Metastasis and Angiogenesis", <i>Is. J. Med.</i> , 24: 464-470, 1988

EXAMINER /Marianne Dibrino/

DATE CONSIDERED 03/13/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.

Form FTO-1449 (Modified)		Atty. Docket No. 910/12		Application No. 05/186,200	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Tuvia PERETZ et al			
		Filing Date		Group Art Unit	
U.S. PATENT DOCUMENTS					
	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS
BA					
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS
BB					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)					
BC		Parish et al, "Evidence that Sulfated Polysaccharides Inhibit Tumor Metastasis by Blocking Tumor Cell-Derived Heparanase", <i>Int. J. Cancer</i> , 40: 511-517, 1987			
BD		Vlodavsky et al, "Morphological Appearance, Growth Behavior and Migratory Activity of Human Tumor Cells Maintained on Extracellular Matrix vs. Plastic", <i>Cell</i> , 19: 607-616, 1980			
BE		Vlodavsky et al, "Extracellular Sequestration and Release of Fibroblast Growth Factor: A Regulatory Mechanism?", <i>Trends Biochem. Sci.</i> , 16: 268-271, 1991			
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BG		Lider et al, "Suppression of Experimental Autoimmune Diseases and Prolongation of Allograft Survival by Treatment of Animals with Heparinoid Inhibitors of T Lymphocyte Heparanase", <i>J. Clin. Invest.</i> , 83: 752-756, 1989			
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BJ		Hudson, PJ, "Recombinant Antibody Fragment", <i>Curr. Opin. Biotech.</i> , 4: 395-401, 1998			
BK		Schoepe et al, "Neutralization of Hemolytic and Mouse Lethal Activities of <i>C. Perfringens</i> Alpha-Toxin Need Simultaneous Blockage of Two Epitopes by Monoclonal Antibodies", <i>Microbiol. Pathogenesis</i> , 23: 1-10, 1997			
BL		Chiba et al, "Generation of Neutralizing Antibody to the Reverse Transcriptase of Human Immunodeficiency Virus Type 1 by Immunizing of Mice with an Infectious Vaccinia Virus Recombinant", <i>J. Immunological Methods</i> , 207: 53-60, 1997			
BM		Wong, JF, "Monoclonal Antibodies: Therapeutic Applications Grow in Promise and Number", <i>Genetic Engineering News</i> , July, 1998, pp 23, 49			
EXAMINER /Marianne Dibrino/			DATE CONSIDERED 03/13/2008		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformation and not considered. Include copy of this form with next communication to applicant.					

Form PTO-1449 (Modified)

Atty. Docket No.
910/12Application No.
07/186,200INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)APPLICANT
Tuvia PERETZ et al

Filing Date

Group Art Unit

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CA							
CB							
CD							
CE							
CF							
CG							
CH							
CI							
CJ							

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
CH							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

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CJ	✓	Danheiser, SL, "Rituxin Leads Line Of Hopeful Mab Therapies, yet FDA still has Bulk Manufacture Concerns", <i>Genetic Engineering News</i> , October, 1997, pp 1,6,33,38
CK	✓	Rader et al, A Phage Display Approach for Rapid Antibody Humanization: Designed Combinatorial V Gene Libraries", <i>Proc. Natl. Acad. Sci.</i> , 95: 8910-8915, 1998
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CO		
CP		

EXAMINER /Marianne Dibrino/

DATE CONSIDERED 03/13/2008

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PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1448A/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/645,659
(use as many sheets as necessary)				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
				Attorney Docket Number	26128
Sheet 1 of 23					
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/MD/	1	US-5,997,863	07-7-1999	Zimmermann et al.	
	2	US-5,688,679	11-18-1997	Powell	
	3	US-6,387,643	05-14-2002	Heinrikson et al.	
	4	US-6,423,312	07-23-2002	Yacoby-Zeevi	
	5	US-6,531,129	03-11-2003	Pecker et al.	
	6	US-4,455,296	06-19-1984	Hansen et al.	
	7	US-5,571,506	05-5-1996	Regan et al.	
	8	US-5,917,830	06-29-1999	Chen et al.	
	9	US-5,859,660	01-12-1999	Perkins et al.	
	10	US-5,600,366	04-4-1997	Schulman	
	11	US-6,020,931	01-1-2000	Bilbrey et al.	
	12	US-6,153,187	11-28-2000	Yacoby-Zeevi	
	13	US-5,145,679	08-8-1992	Hinson	
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	17	US-6,562,950	05-13-2003	Peretz et al.	
	18	US-5,580,862	03-3-1996	Rosen et al.	
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	35	US-5,859,929	01-12-1999	Zhou et al.	
	36	US-5,799,276	08-25-1998	Komissarchik et al.	
/MD/	37	US-2002/0068061	06-6-2002	Peretz et al.	

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Substitute for form 1449A/PTO			Complete if known Application Number 10/645,659 Filing Date August 22, 2003 First Named Inventor Oron YACOBY-ZEEVI et al Art Unit 1644 Examiner Name DIBRINO, MARIANNE NMN Attorney Docket Number 26128		
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)					
Sheet	2	of	23		
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/MD/	38	US-5,360,735	01-1-1994	Weinshank et al.	
	39	US-2002/0088019	04-4-2002	Yacoby-Zeevi	
	40	US-5,589,604	12-31-1996	Drohan et al.	
	41	US-5,700,671	12-23-1997	Prieto et al.	
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	43	US-5,716,817	02-10-1998	T'mell	
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	53	US-2003/0068806	04-10-2003	Ayal-Herschkovitz et al.	
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	55	US-4,859,581	08-22-1989	Nicholson et al.	
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/MD/	66	US-4,946,778	08-8-1990	Ladner et al.	

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Substitute for form 1449A/PTO				Complete if Known Application Number 10/645,659	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date August 22, 2003	
				First Named Inventor Oron YACOBY-ZEEVI et al	
				Art Unit 1644	
				Examiner Name DIBRINO, MARIANNE NMN	
Sheet 3 of 23				Attorney Docket Number 26128	
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS					
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
/MD/	67	PCT WO 95/04158	09-9-1995	Hoogewerf et al.	
	68	PCT WO 99/21975	06-6-1999	Freeman et al.	
	69	PCT WO 91/19197	12-12-1991	Nicolson et al.	
	70	PCT WO 95/04518	02-16-1995	Midha et al.	
	71	PCT WO 03/006645 A2	01-23-2003	Bohlen et al.	
	72	PCT WO 97/11684	03-3-1997	Bennett et al.	
	73	PCT WO 99/18852	04-22-1999	Arenson	
	74	PCT WO 91/02977	07-7-1991	Fuks et al.	
	75	PCT WO 97/27327	07-31-1997	Van Ness et al.	
	76	PCT WO 00/52149	08-8-2000	Yacobi-Zeevi	
	78	PCT WO 00/52178	08-8-2000	Pecker et al.	
	79	PCT WO 99/40207	08-12-1999	Nakajima et al.	
	80	PCT WO 98/46258	10-22-1998	Bhaskar et al.	
	81	EP 0254067	01-27-1988	Cohen et al.	
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	83	PCT WO 01/00643	04-4-2001	Pecker et al.	
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	85	PCT WO 00/03036	01-20-2000	Ben-Artzi et al.	
	86	PCT WO 00/25817	05-11-2000	Peretz et al.	
	87	PCT WO 92/01003	01-23-1992	Nicolson et al.	
	88	PCT WO 02/32283	04-25-2002	Yacoby-Zeevi	
/MD/	89	PCT WO 02/19962	03-14-2002	Ilan et al.	
	90	AO 735110	06-28-2001	Pecker et al.	
/MD/	91	PCT WO 99/57244	11-11-1999	Ben-Artzi et al.	
	92	PCT WO 99/57153	11-11-1999	Pecker et al.	
	93	PCT WO 99/11798	03-11-1999	Pecker et al.	
/MD/	94	PCT WO 88/01280	02-25-1988	Nicolson et al.	
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		Filing Date	August 22, 2003
		First Named Inventor	Oron YACOBY-ZEEVI et al
		Group Art Unit	1644
		Examiner Name	DIBRINO, MARIANNE NMN
Sheet	4	of	23
		Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/MD/	95	Vlodavsky et al. "Morphological Appearance, Growth Behaviour and Migratory Activity of Human Tumor Cells Maintained on Extracellular Matrix Versus Plastic", Cell, 19: 607-616, 1980. abstract	
	96	Miao et al. "Modulation of Fibroblast Growth Factor-2 Receptor Binding Dimerization, Signaling, and Angiogenic Activity by A Synthetic Heparain-Mimicking Polyaromatic Compound", J. Clin. Invest., 99(7): 1565-1575, 1997.	
	97	Raghunath et al. "Cultured Epithelial Autografts: Diving From Surgery Into Matrix Biology", Pediatr. Surg. Int., 12(7): 478-483, 1997. abstract	
	98	Maillard et al. "Pre-Treatment With Elastase Improves the Efficiency of Percutaneous Adenovirus-Mediated Gene Transfer to the Arterial Media", Gene Therapy, 5: 1023-1030, 1998. abstract	
	99	Wang "Basic Fibroblast Growth Factor for Stimulation of Bone Formation in Osteoinductive or Conductive Implants", Acta Orthop. Scand. Suppl., 269: 1-33, 1996. abstract	
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Substitute for form 1449A/PTO		Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/645,659
		Filing Date	August 22, 2003
		First Named Inventor	Oron YACOBY-ZEEVI et al
		Group Art Unit	1644
		Examiner Name	DIBRINO, MARIANNE NMN
Sheet	5	of	23
		Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MD/	109	Abrahamsohn et al. "Implantation and Decidualization in Rodents", J. Exp. Zool., 266(6): 603-628, 1993. Abstract.	
	110	Yoshida "Effects of Basic Fibroblast Growth Factor on the Development of Mouse Preimplantation Embryos", Nippon Sanka Fujinka Gakkai Zasshi, 48(3): 170-176, 1996. Abstract.	
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	123	Miyake et al. "Highly Specific and Sensitive Detection of Malignancy in Urine Samples From Patients With Urothelial Cancer by CD44v8-10/CD44v10 Competitive RT-PCR", Int. J. Cancer, 79(6): 560-564, 1998. Abstract.	

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Sheet		6	of	23	Complete if Known	
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					Filing Date	August 22, 2003
					First Named Inventor	Oron YACOBY-ZEEVI et al
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					Examiner Name	DIBRINO, MARIANNE NMN
					Attorney Docket Number	26128
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/MD/	124	Kang et al. "Prolactin-Inducible Enhancer Activity of the First Intron of the Bovine β -Casein Gene", Mol. Cells, 8(3): 259-265, 1998. Abstract.				
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	135	Luft "Making Sense Out of Antisense Oligodeoxynucleotide Delivery: Getting There Is Half the Fun", J. Mol. Med, P.75-76. 1998.				
	136	Kronenwett et al. "Oligodeoxyribonucleotide Uptake in Primary Human Hematopoietic Cells Is Enhanced by Cationic Lipids and Depends on the Hematopoietic Cell Subset", Blood, 91(3): 852-862, 1998.				
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/MD/	140	Walton et al. "Prediction of Antisense Oligonucleotide Binding Affinity to A Structured RNA Target", Biotechnology and Bioengineering, 65(1): 1-9, 1999.				

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				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	7	of	23	Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/MD/	141	Wang et al. "Isolation and Characterization of Pseudomonas Aeruginosa Genes Inducible by Respiratory Mucus Derived From Cystic Fibrosis Patients", Mol. Microbiol., 22(5): 1005-1012, 1996. Abstract.			
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/Marianne Dibrino/

03/13/2008

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	8	of	23	Complete if Known	
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				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
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/MD/	152	Pier et al. "Cystic Fibrosis Transmembrane Conductance Regulator Is An Epithelial Cell Receptor for Clearance of Pseudomonas Aeruginosa From the Lung", Proc. Natl. Acad. Sci. USA, 94(22): 12088-12093, 1997.			
	153	Boucher et al. "Mucoid Pseudomonas Aeruginosa in Cystic Fibrosis: Characterization of Muc Mutations in Clinical Isolates and Analysis of Clearance in A Mouse Model of Respiratory Infection", Infect. Immun., 65(9): 3838-3846, 1997. Abstract.			
	154	Boucher et al. "Two Distinct Loci Affecting Conversion to Mucoid Pseudomonas Aeruginosa in Cystic Fibrosis Encode Homologs of the Serine Protease HtrA", J. Bacteriol., 178(2): 511-523, 1996. Abstract.			
	155	Yu et al. "Microbial Pathogens in Cystic Fibrosis: Pulmonary Clearance of Mucoid Pseudomonas Aeruginosa and Inflammation in A Mouse Model of Repeated Respiratory Challenge", Infection and Immunity, 66(1): 280-288, 1998.			
	156	Van Heeckeren et al. "Excessive Inflammatory Response of Cystic Fibrosis Mice to Bronchopulmonary Infection With Pseudomonas Aeruginosa", J. Clin. Invest., 100(11): 2810-2815, 1997.			
	157	Cai et al. "Comparison of Sputum Processing Techniques in Cystic Fibrosis", Pediatr. Pulmonol., 22(6): 402-407, 1996. Abstract.			
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	159	Speert et al. "Modulation of Macrophage Function for Defense of the Lung Against Pseudomonas Aeruginosa", Behring Inst. Mitt., 98: 274-282, 1997. Abstract.			
	160	Pina et al. "The Role of Fluoroquinolones in the Promotion of Alginate Synthesis and Antibiotic Resistance in Pseudomonas Aeruginosa", Curr. Microbiol., 35(2): 103-108, 1997. Abstract.			
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/MD/	163	Moses et al. "Relative Contributions of Hyaluronic Capsule and M Protein to Virulence in A Mucoid Strain of the Group A Streptococcus", Infect. Immun., 65(1): 64-71, 1997.			

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/MD/	164	Scott et al. "Visualization of An Extracellular Mucoid Layer of Treponema Denticola ATCC 35405 and Surface Sugar Lectin Analysis of Some Treponema Species", Oral Microbiol. Immunol., 12(2): 121-125, 1997. Abstract.				
	165	Nilsson et al. "The Role of Staphylococcal Polysaccharide Microcapsule Expression in Septicemia and Septic Arthritis", Infect. Immun., 65(10): 4216-21, 1997. Abstract.				
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↓	/MD/	175	Welch et al. "Complex Saccharide Metabolism in Cystic Fibrosis Fibroblasts", Pediatr. Research, 9(9): 698-702, 1975.			

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/MD/	176	Rahmoune et al. "Chondroitin Sulfate in Sputum From Patients With Cystic Fibrosis and Chronic Bronchitis", Am. J. Resp. Cell & Mol. Biol., 5(4): 315-320, 1991. Abstract.			
	177	Beuth et al. "Lectin-Mediated Bacterial Adhesion to Human Tissue", Eur. J. Clin. Microbiol., 6(5): 591-593, 1987. Abstract.			
	178	Allison et al. "Polysaccharide Production in Pseudomonas Cepacia", J. Basic. Microbiol., 34(1): 3-10, 1994. Abstract.			
	179	Albus et al. "Staphylococcus Aureus Capsular Types and Antibody Response to Lung Infection in Patients With Cystic Fibrosis", J. Clin. Microbiol., 26(12): 2505-2509, 1988. Abstract.			
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	181	Tatnell et al. "Characterisation of Alginate From Mucoid Strains of Pseudomonas Aeruginosa", Biochemical Society Transactions, 24: 404S, 1996.			
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/MD/	190	Hillier et al. "The WashU-Merck EST Project", No. N30824, Database GenBank on STIN, US National Library of Medicine (Bethesda MD), 1996.			

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Application Number	10/645,659	
			Filing Date	August 22, 2003	
			First Named Inventor	Oron YACOBY-ZEEVI et al	
			Group Art Unit	1644	
			Examiner Name	DIBRINO, MARIANNE NMN	
Sheet	11	of	23	Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
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/MD/	192	Konstan et al. "Current Understanding of the Inflammatory Process in Cystic Fibrosis", <i>Pediatric Pulmonology</i> , 24: 137-142, 1997.			
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		Filing Date	August 22, 2003
		First Named Inventor	Oron YACOBY-ZEEVI et al
		Group Art Unit	1644
		Examiner Name	DIBRINO, MARIANNE NMN
Sheet	12	of	23
		Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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/MD/	205	Leong et al. "Different Classes of Proteoglycans Contribute to the Attachment of Borrelia burgdorferi to Cultured Endothelial and Brain Cells", Infect. Immun., 66(3): 994-999, 1998. Abstract.	
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,659
				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	13	of	23	Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
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		Filing Date	August 22, 2003
		First Named Inventor	Oron YACOBY-ZEEVI et al
		Group Art Unit	1644
		Examiner Name	DIRINO, MARIANNE NMN
Sheet	14	of	23
		Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MD/	236	Loredo et al. "Regulation of Glycosaminoglycan Metabolism by Bone Morphogenetic Protein-2 in Equine Cartilage Explant Cultures", Am. J. Vet. Res., 57(4): 554-559, 1996.	
/MD/	237	Kiberstis et al. "Bone Health in the Balance", Science, 289: 1497, 2000.	
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/MD/	252	Bean et al. "Fertilization In Vitro Increases Non-Disjunction During Early Cleavage Divisions in A Mouse Model System", Human Reproduction, 17(9): 2362-2367, 2002. Abstract.	
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	256	Pfaff et al. "Cryobiology of Rat Embryos I: Determination of Zygote Membrane Permeability Coefficients for Water and Cryoprotectants, Their Activation Energies, and the Development of Improved Cryopreservation Methods", Biology of Reproduction, 63: 1294-1302, 2000. Abstract.	
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,659
				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	16	of	23	Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/MD/	263	Benjamin et al. "A Plasticity Window for Blood Vessel Remodelling Is Defined by Pericyte Coverage of the Preformed Endothelial Network and Is Regulated by PDGF-B and VEGF", Development, 125: 1591-1598, 1998			
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		Attorney Docket Number	26128
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/Marianne Dibrino/

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				Examiner Name	DIBRINO, MARIANNE NMN
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			Group Art Unit	1644	
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Sheet	19	of	23	Attorney Docket Number	26128
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/MD/	309	Zcharia et al. "Transgenic Expression of Mammalian Heparanase Uncovers Physiological Functions of Heparan Sulfate in Tissue Morphogenesis, Vascularization, and Feeding Behavior", The FASEB Journal, 18: 252-263, 2004.			
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Substitute for form 1449A/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/645,659
				Filing Date	August 22, 2003
				First Named Inventor	Oron YACOBY-ZEEVI et al
				Group Art Unit	1644
				Examiner Name	DIBRINO, MARIANNE NMN
Sheet	22	of	23	Attorney Docket Number	26128
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
/MD/	352	Linhardt et al. "Polysaccharide Lyases", Applied Biochemistry and Biotechnology, 12: 135-176, 1986.			
	353	Dempsey et al. "Heparanase, A Potential Regulator of CellMatrix Interactions", TIBS, 25(8): 349-351, 2000. P.350, Col.1, § 1, Col.3, § 1, Claims 1-24. 4			
	354	Niwa et al. "Efficient Selection for High-Expression Transfectants With A Novel Eukaryotic Vector", Gene, 108(2): 193-199, 1991. Abstract.			
	355	Mirault et al. "Transgenic Glutathione Peroxidase Mouse Models for Neuroprotection Studies", Ann. NY Acad. Sci., 738: 104-115, 1994. Abstract.			
	356	Lampard et al. "Secretion of Foreign Proteins Mediated by Chicken Lysozyme Gene Regulatory Sequences", Biochem. Cell Biol., 80(6): 777-788, 2002. Abstract.			
	357	Morrison et al. "Sequences in Antibody Molecules Important for Receptor-Mediated Transport Into the Chicken Egg Yolk", Mol. Immunol., 38(8): 619-625, 2002. Abstract			
	358	Richards et al. "Construction and Preliminary Characterization of the Rat Casein and Alpha-Lactalbumin cDNA Clones", J. Biol. Chem., 256(1): 526-32, 1981.			
	359	Campbell et al. "Comparison of the Whey Acidic Protein Genes of the Rat and Mouse", Nucleic Acids Res., 12(22): 8683-8697, 1984.			
	360	Gorodetsky et al. "Isolation and Characterization of the Bos Taurus β -Casein Gene", Gene, 66: 87-96, 1988. Abstract.			
	361	Benezra et al. "Thrombin Enhances the Degradation of Heparan Sulfate in the Extracellular Matrix by Tumor Cell Heparanase", Exptl. Cell. Res., 201: 208-215, 1992.			
	362	Harlow et al. "Antibodies - A Laboratory Manual", Cold Spring Harbor Press, P. 471-510, 1988.			
	363	Murray et al. "The Extracellular Matrix", Harper's Biochemistry, McGraw-Hill Professional, 24th Ed., Chap.57, P.667-685, 1998.			
	364	Selvan et al. "Heparan Sulfate in Immune Responses", Ann. NY Acad. Sci., 797: 127-139, 1996.			
	365	Prockop "Marrow Stromal Cells as Stem Cells for Nonhematopoietic Tissues", Science, 276: 71-74, 1997.			
/MD/	366	Pomahac et al. "Tissue Engineering of Skin", Crit. Rev. Oral Biol. Med., 9(3): 333-344, 1998. Abstract.			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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/Marianne Dibrino/

03/13/2008

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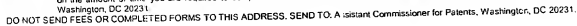
Signature	/Marianne DiBrino/	Considered	03/13/2008
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⁴ For Japanese patent documents at www.uspto.gov/ip/jpo or WIPO ST. 16. ⁵ Enter "0000" if no indication of the document, of the inventor's name (WIPO Standard ST. 16). ⁶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁷ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language translation is attached.

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PTO/SB-08A (11-96)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/456,573
Filing Date	06/09/2003
First Named Inventor	Iris PECKER
Group Art Unit	1646
Examiner Name	
Attorney Docket Number	25677

Sheet	2	Of	2
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/MD/		Vlodavsky et al., "Inhibition of tumor metastasis by heparanase inhibiting species of heparin", <i>Invasion Metastasis</i> , 1994-95;14 1-6:290-302 (abstract)	
		Parish et al., "Evidence that sulphated polyanarides inhibit tumour metastasis by blocking tumour-cell-derived heparanases", <i>Int J Cancer</i> , 1987 Oct 15;40(4):511-8.	
		Lider et al., "Suppression of experimental autoimmune diseases and prolongation of allograft survival by treatment of animals with low doses of heparins", <i>J Clin Invest</i> , 1989 Mar;83(3):752-6.	
		Gewirtz et al., "Nucleic acid therapeutics: state of the art and future prospects", <i>Blood</i> , 1998 Aug 1;92(3):712-36.	
		Hida et al., "Antisense E1AF transfection restrains oral cancer invasion by reducing matrix metalloproteinase activities", <i>Am J Pathol</i> , 1997 Jun;150(6):2125-32 (abstract)	
		Thuong et al., "Sequence-specific recognition and modification of double-helical DNA by oligonucleotides", <i>Angew. Chem. Int. Ed. Engl.</i> , 32:666-690, 1993	
		Cohen, JS., "Oligonucleotide therapeutics", <i>Trends Biotechnol.</i> , 10(3):87-91, 1992 (abstract)	
		Szczylik et al., "Selective inhibition of leukemia cell proliferation by BCR-ABL antisense oligodeoxynucleotides", <i>Science</i> , 1991 Aug 2;253(5019):562-5. (abstract)	
		Calabretta et al., "Normal and leukemic hematopoietic cells manifest differential sensitivity to inhibitory effects of c-myc antisense oligodeoxynucleotides: an in vitro study relevant to bone marrow purging", <i>Proc Natl Acad Sci U S A</i> , 1991 Mar 15;88(6):2351-5.	
		Burch et al., "Oligonucleotides antisense to the interleukin 1 receptor mRNA block the effects of interleukin 1 in cultured murine and human fibroblasts and in mice", <i>J Clin Invest</i> , 88(4):1190-1196, 1991 (abstract)	
		Agrawal S., "Antisense oligonucleotides: antiviral agents", <i>Trends Biotechnol</i> , 10(5):152-158, 1992, (abstract)	
		Uno et al., "Antisense-mediated suppression of human heparanase gene expression inhibits pleural dissemination of human cancer cells", <i>Cancer Res</i> , 2001 Nov 1;61(21):7855-60.	
Examiner Signature	/Marianne Dibirino/		Date 03/13/2008 Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 1 of 4

Form PTO-1449 (Revised)

Atty. Docket No.
910/1Application No.
08/922,170INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)Applicant:
Iris PECKER et alFiling Date:
September 2, 1997

Group A I Class

RECEIVED
GROUP 1
1652

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	FILING DATE
AA	RP	5,362,641	Nov 94	Fuks et al	435	2-09
AB	RP	5,571,506	Nov 96	Regan et al	424	78.17
AC						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES NO
AD	RP	WO 9504518	Jul 94	PCT			
AE							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AF	RP	Goshen et al. "Purification and Characterization of Placental Heparanase and its Expression by Cultured Cytotrophoblasts", <i>Molecular Human Reproduction</i> , 2(9): 679-684, 1996
AG	RP	Bar-Ner et al. "Inhibition of Heparanase-Mediated Degradation of Extracellular Matrix Heparan Sulfate by Non-anticoagulant Heparin Species", <i>Blood</i> , 70(2): 551-557, 1987
AH	RP	Savitsky et al. "Ataxia-Telangiectasia: Structural Diversity of Untranslated Sequences Suggests Complex Post-Transcriptional Regulation of ATM Gene Expression", <i>Nucleic Acids Research</i> , 25(9): 1678-1684 (1997)
AI	RP	Haimovitz-Friedman et al. "Activation of Platelet Heparanase by Tumor Cell Derived Factors", <i>Blood</i> , 78: 789-796, 1991
AJ	RP	Gospodarowicz et al. "Stimulation of Corneal Endothelial Cell Proliferation <i>in vitro</i> by Fibroblast and Epidermal Growth Factors", <i>Exp. Eye Res.</i> , 25: 75-89, 1977
AK	RP	Ernst et al. "Enzymatic degradation of Glycosaminoglycans", <i>Crit. Rev. In Biochem. & Molec. Biology</i> , 30(5): 387-444, 1995
AL	RP	Zhong-Sheng et al. "Role of Heparan Sulfate Proteoglycans in the Binding and Uptake of Apolipoprotein E-enriched Remnant Lipoproteins by Cultured Cells", <i>J. Biol. Chem.</i> , 268(14): 10160-10167, 1993
AM	RP	R. Ross, "The Pathogenesis of Atherosclerosis: A Perspective for the 1990s", <i>Nature</i> , 362: 801-809, (1993)
AN	RP	1993 Putnak et al. "A Putative Cellular Receptor for Dengue Viruses", <i>Nature Medicine</i> , 3(8): 828-829, 1997
AO	RP	Cordon-Cardo et al. "Expression of Basic Fibroblast Growth Factor in Normal Human Tissues", <i>Laboratory Investigation</i> , 63(6): 832-840, 1990

EXAMINER: Rebecca Prouty

DATE CONSIDERED: 7-21-98

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Form PTO-1449 (Modified)

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
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Atty. Docket No.
910/1Application No.
08/922 173Applicant:
Iris PECKER et alFiling Date:
September 2, 1997Group, if
1652REC
FEB 2 1998

GROUP 1800

U.S. PATENT DOCUMENTS

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
BA							

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
BB							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

BC	RP	Narindrasorasak et al., "High Affinity Interactions between the Alzheimer's β -Amyloid Precursor Proteins and the Basement Membrane Form of Heparan Sulfate Proteoglycan", <i>J. Biol. Chem.</i> , 266(20): 12878-12883, 1991					
BD	RP	Chen et al., "Dengue Virus Infectivity Depends on Envelope Protein Bin to Target Cell Heparan Sulfate", <i>Nature Medicine</i> , 3(8): 866-871, 1997					
BE	RP	Shieh et al., "Cell Surface Receptors for Herpes Simplex Virus are Heparan Sulfate Proteoglycan Proteoglycans", <i>J. Cell Biol.</i> , 116(5): 1277-1281, 1992					
BF	RP	Eisenberg et al., "Lipoprotein Lipase Enhances Binding of Lipoproteins to Heparan Sulfate on Cell Surfaces and Extracellular Matrix", <i>J. Clin. Invest.</i> , 90: 2013-2021, 1992					
BG	RP	Rapraeger et al., "Requirement of Heparan Sulfate for bFGF-Mediated Fibroblast Growth and Myoblast Differentiation", <i>Science</i> , 252: 1705-1708, 1991					
BH	RP	Lider et al., "A Disaccharide that Inhibits Tumor Necrosis Factor α is Formed from the Extracellular Matrix by the Enzyme Heparanase", <i>Proc. Natl. Acad. Sci. USA</i> , 92:5037-5041, 1995					
BI	RP	Lider et al., "Suppression of Experimental Autoimmune Diseases and Prolongation of Allograft Survival by Treatment of Animals with Low Doses of Heparins", <i>J. Clin. Invest.</i> , 83: 752-756, 1989					
BJ	RP	Gitay-Goren et al., "The Binding of Vascular Endothelial Growth Factor to its Receptors is Dependent on Cell Surface-associated Heparin-like Molecules", <i>J. Biol. Chem.</i> , 267(9): 6093-6098, 1992					
BK	RP	Ornitz et al., "FGF Binding and FGF Receptor Activation by Synthetic Heparin Derived Di- and Trisaccharides", <i>Science</i> , 268: 432-436, 1995.					
BL	RP	Spivak-Kroizman et al., "Heparin-Induced Oligomerization of FGF Molecules is Responsible for FGF Receptor Dimerization, Activation, and Cell Proliferation", <i>Cell</i> , 79: 1015-1024, 1994					
BM	RP	Payon et al., "Cell Surface, Heparin-Like Molecules are required for Binding of Basic Fibroblast Growth Factor to its High Affinity Receptor", <i>Cell</i> , 64: 841-848, 1991					
BN							

EXAMINER

Rebecca Pouty

DATE CONSIDERED

7-2-98

EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)

Atty. Docket No.
910/1Applicant
08/922, 7/1Applicant:
Iris PECKER et alFiling Date:
September 2, 1997

Group / it Unit

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
					YES NO
CB					

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CC	RP	Vlodavsky et al, "Extracellular Matrix-Bound Growth Factors, Enzymes, and Plasm A Proteins". Basic Membranes: Cellular and Molecular Aspects (eds. Rohrbach & Timpl) pp 327-343, Academic Press, Orlando, Fla., 1993
CD	RP	Vlodavsky et al, "Extracellular Sequestration and Release of Fibroblast Growth Factor: A Regulatory Mechanism?". <i>Trends Biochem. Sci.</i> , 16: 268-271, 1991
CE	RP	Ishai-Michaeli et al, "Heparanase Activity Expressed by Platelets, Neutrophils, and Lymphoma Cells releases Active Fibroblast Growth Factor from ExtraCellular Matrix", <i>Cell Regulation</i> , 1: 833-842, 1990
CF	RP	Ishai-Michaeli et al, "Importance of Sine and Sulfation of Heparin in Release of Basic Fibroblast Growth Factor from the Vascular Endothelium and ExtraCellular Matrix", <i>Biochemistry</i> , 31(7): 2080-2088, 1992
CG	RP	Folkman et al, "A Heparin-Binding Angiogenic Protein - Basic Fibroblast Growth Factor - is Stored Within Basement Membrane". <i>Am. J. Pathology</i> , 130(2): 393-400, 1988
CH	RP	Vlodavsky et al, "Endothelial Cell-Derived Basic Fibroblast Growth Factor: Synthesis and Deposition into Subendothelial ExtraCellular Matrix", <i>Proc. Natl. Acad. Sci. USA</i> , 84: 2292-2296, 1987
CI	RP	Folkman et al, "Angiogenic Factors", <i>Science</i> , 235: 442-447, 1987
CJ	RP	Burgess et al, "The Heparin-Binding (Fibroblast) Growth Factor Family of Proteins", <i>Annu. Rev. Biochem.</i> , 58: 575-606, 1989
CK	RP	Vlodavsky et al, "Involvement of the ExtraCellular Matrix, Heparin Sulfate Proteoglycans, and Heparin Sulfate Degrading Enzymes in Angiogenesis and Metastasis", In: <i>Tumor Angiogenesis</i> , Eds. Lewis et al, Oxford Univ. Press, pp 125-140, 1997
CL	RP	Parish et al, "Evidence that Sulfated Polysaccharides Inhibit Tumor Metastasis by Blocking Tumor-Cell-Derived Heparanases", <i>Int. J. Cancer</i> , 40: 511-518, 1987
CM	RP	Bashkin et al, "Basic Fibroblast Growth Factor Binds to Subendothelial ExtraCellular Matrix and is Released by Heparitinase and Heparin-Like Molecules", <i>Biochemistry</i> , 28:1737-1743, 1989
CN		

EXAMINER *Rebecca Pardy*

DATE CONSIDERED 7-21-98

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Form PTO-1449 (Modified)		Atty. Docket No. 910/1		Application No. 08P-1120		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)		Applicant: Iris PECKER et al		RECEIVED FEB 9 1998 GROUP 1800 16:2		
		Filing Date: September 2, 1997				
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
DA						
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS:	TRANSLATION
						YES NO
DB						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
DC	RP	Gospodarowicz et al, "Permissive effect of the ExtraCellular Matrix on Cell Proliferation <i>in vitro</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , 77(7): 4094-4098, 1980				
DD	RP	Vlodavsky et al, "Morphological Appearance, Growth Behavior and Migratory Activity of Human Tumor Cells Maintained on ExtraCellular Matrix Versus Plastic", <i>Cell</i> , 19: 607-616, 1980				
DE	RP	Vlodavsky et al, "Involvement of Heparanase in Tumor Metastasis and Angiogenesis", <i>Israel J. Med. Sci.</i> , 24: 464-470, 1988				
DF	RP	Vlodavsky et al, "Lymphoma Cell-mediated Degradation of Sulfated Proteoglycan in the Subendothelial ExtraCellular Matrix: Relationship to Tumor Cell Metastasis", <i>Cancer Research</i> , 43: 2704-2711, 1983				
DG	RP	Liotta et al, "Tumor Invasion and the ExtraCellular Matrix", <i>Lab. Inv.</i> , 49(6): 636-649, 1983				
DH	RP	Nicolson, G.L., "Organ Specificity of Tumor Metastasis: Role of Preferential Adhesion, invasion and growth of Malignant Cells at Specific Secondary Sites", <i>Cancer Met. Rev.</i> , 7: 143-188, 1988				
DI	RP	Nakajima et al, "Heparanases and Tumor Metastasis", <i>J. Cell. Biochem.</i> , 36: 157-167, 1988				
DJ	RP	Vlodavsky et al, "Inhibition of Tumor Metastasis Inhibiting Species of Heparin", <i>Int. Metast.</i> , 14: 290-302, 1994				
	RP	Vlodavsky et al, "Expression of Heparanases by Platelets and Circulating Cells of the Immune System: Possible Involvement in Diapedesis and Extravasation", <i>Int. Metast.</i> , 12: 112-127, 1992				
	RP	Ruoslahti et al, "Proteoglycans as Modulators of Growth Factor Activities", <i>Cell</i> , 64: 867-869, 1991				
	RP	Kjell��n et al, "Proteoglycans: Structures and Interactions", <i>Annu. Rev. Biochem.</i> , 50: 443-475, 1991				
	RP	Wight, T.N., "Cell Biology of Arterial Proteoglycans", <i>Arteriosclerosis</i> , 9: 1-20, 1989				
	RP	Jackson, et al, "Glycosaminoglycans: Molecular Properties, Protein Interactions, and Role in Physiological Processes", <i>Physiological Rev.</i> , 71(2): 481-539, 1991				
	RP	Wight et al, "The Role of Proteoglycans in Cell Adhesion, Migration and Proliferation", <i>Curr. Opin. Cell Biol.</i> , 4: 793-801, 1992				
EXAMINER		Rebecca Ponty		DATE CONSIDERED		7-2-98
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
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Atty Docket No.
910/5

Application No.
09/071,739

Applicant
Iris PECKER et al

RECEIVED
JUL 15 1998

Filing Date:
May 1, 1998

GROUP 100

PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA						

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
					YES NO
AB					

OTHER ART (Including Author, Title, Date, Permanent Pages, Etc.)

AC	NO	Wight et al, "The Role of Proteoglycans in Cell Adhesion, migration and Proliferation", <i>Current Opinion in Cell Biology</i> , 1992, 4:793-801
AD	NO	Jackson et al, "Glycosaminoglycans: Molecular Properties, Protein Interactions, and Role in Physiological Processes", <i>Physiological Reviews</i> , 71(2):481-539, 1991
AE	NO	Wight, T.N., "Cell Biology of Arterial Proteoglycans", <i>Arteriosclerosis</i> , 9:1-20, 1989
AF	NO	Kjell��n et al, "Proteoglycans: Structures and Interactions", <i>Annu. Rev. Biochem.</i> , 60: 443-475, 1991
AG	NO	Ruoslahti et al, "Proteoglycans as Modulators of Growth Factor Activities", <i>Cell</i> , 64:867-869, 1991
AH	NO	Vlodavsky et al, "Extracellular Matrix-Bound Growth Factors, Enzymes and Plasma Protein", in <i>Basement Membranes: Cellular and Molecular Aspects</i> (eds. Rohrbach et al) pp 327-343, Academic Press Inc., Orlando, Fla.
AI	NO	Vlodavsky et al, "Expression of Heparanase by Platelets and Circulating Cells of the Immune System: Possible Involvement in Diapedesis and Extravasation", <i>Invasion & Metastasis</i> , 12: 112-127, 1992
AJ	NO	Vlodavsky et al, "Inhibition of Tumor Metastasis by Heparanase Inhibiting Species of Heparin", <i>invasion & Metastasis</i> , 14: 290-302, 1993
AK	NO	Nakajima et al, "Heparanase and Tumor Metastasis", <i>J. Cell. Biochem.</i> , 36: 157-167, 1988
AL	NO	Liotta et al, "Tumor Invasion and the Extracellular Matrix", <i>Lab. Invest.</i> , 49: 636-647, 1983
AM	NO	Vlodavsky et al, "Lymphoma Cell Mediated Degradation of Sulfated Proteoglycans in the Subendothelial Extracellular Matrix: Relationship to Tumor Cell Metastasis", <i>Cancer Res.</i> , 43: 2704-2711, 1983
AN	NO	Parish et al, "Evidence that Sulphated Polysaccharides Inhibit Tumor Metastasis by Blocking Tumor cell-Derived Heparanase", <i>Int. J. Cancer</i> , 40: 511-518, 1987
AO	NO	Vlodavsky et al, "Morphological Appearance, Growth behavior and Migratory Activity of Human Tumor Cells Maintained on Extracellular Matrix vs. Plastic", <i>Cell</i> , 19: 607-616, 1980
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Form PTO-1449 (Modified)

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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BOC	NO	Gospodarowicz et al, "Permissive Effect of the Extracellular Matrix on Cell Proliferation <i>in-vitro</i> ", <i>Proc. Natl. Acad. Sci. USA</i> , 77:4094-4098, 1980
BD	NO	Engvall et al, "The Heparin-Binding (Fibroblast) Growth Factor Family of Proteins", <i>Annu. Rev. Biochem.</i> , 58: 575-606, 1989
BE	NO	Folkman et al, "Angiogenic Factors", <i>Science</i> , 235: 442-447, 1987
BF	NO	Vlodavsky et al, "Extracellular Sequestration and Release of Fibroblast Growth Factor: a Regulatory Mechanism?", <i>Trends Biochem. Sci.</i> , 16: 822-844, 1991
BG	NO	Ishai-Michaeli et al, "Heparanase Activity Expressed by Platelets, Neutrophils and Lymphoma Cells Releases Active Fibroblast Growth Factor from Extracellular Matrix", <i>Cell Reg.</i> , 1: 833-842, 1990
BH	NO	Campbell et al, "Heparin Sulphate-Degrading Enzymes Induce Modulation of Smooth Muscle Phenotype", <i>Exp. Cell Res.</i> , 200: 156-167 (1992)
BI	NO	Oosta et al, "Purification and Properties of Human Platelet Heparitinase", <i>J. Biol. Chem.</i> , 257: 11,249 - 11,255, 1982
BJ	NO	Hoogewerf et al, "CXO Chemokines Connective Tissue Activating peptide-III and neutrophil Activating peptide-2 are Heparin/Heparan Sulfate-Degrading Enzymes", <i>J. Biol. Chem.</i> , 270: 3268-3277, 1995
BK	NO	Gordon-Cardo et al, "Expression of Basic Fibroblast Growth Factor in Normal Human Tissue", <i>Lab. Invest.</i> , 63(6): 828-844, 1990
BL	NO	Freeman et al, "Human Platelet Heparanase: Purification, Characterization and Catalytic Activity", <i>Biochem. J.</i> , 330: 1341-1350, 1988
BM	NO	Goshet et al, Purification and Characterization of Placental Heparanase and its Expression by Cultured Cytoplasts", <i>Mol. Human Reprod.</i> , 2: 679-684, 1996
BN	NO	Nakajima et al, Immunohistochemical Localization of Heparanase in Mouse and Human Melanomas", <i>Int. J. Cancer</i> , 45: 1088-1095, 1990
BO	NO	Molinendo et al, "Major Colocalization of the Extracellular-Matrix Degradative Enzymes Heparanase and Gelatinase in Tertiary Granules of Human Neutrophils", <i>Biochem. J.</i> , 327: 917-923, 1997

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Form FO-1449 (Modified)

Atty. Doc set No.
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Marianne DIBRINO et al

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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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CM	NO	De Vouge et al, "Immunoselection of GRP94/Endoplasmic Reticulum From a KNRK Cell-Specific Agt11 Library Using Antibodies Directed Against a Putative Heparanase Amino-Terminal Peptide", <i>Int. J. Cancer</i> , 56: 286-294, 1994
CN	NO	Graham et al, "Comparison of the Heparanase Enzymes From Mouse Melanoma Cells, Mouse Microphages, and Human Platelets", <i>Biochem. And Mol. Biol. Int.</i> , 39(3): 563-571, 1996
CO	NO	Kosir et al, "Human Prostate Carcinoma Cells Produce Extracellular Heparanase", <i>J. Surg. Res.</i> , 67: 98-105, 1997
CP	NO	Kosir et al, Abstract 3378, <i>Cancer Res.</i> , 57: 495, 1996
CQ	NO	Ernst et al, "Enzymatic Degradation of Glycosaminoglycans", <i>Crit. Rev. In Biochem. And Mol. Biol.</i> , 30(5): 387-444, 1995
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	NO	Haimovitz-Friedman et al, "Activation of Platelet Heparitinase by Tumor Cell-Derived Factors", <i>Blood</i> , 78: 789-796, 1991
	NO	Yelton et al, "Monoclonal Antibodies: a Powerful New Tool in Biology and Medicine", <i>Annu. Rev. Biochem.</i> , 50: 671-680, 1981
	NO	Friedman et al, "Regulated Expression of Homeobox Genes <i>Msx-1</i> and <i>Msx-2</i> in Mouse Mammary Gland Development Suggests a Role in Hormone Action and Epithelial-Stromal Interactions", <i>Devel. Biol.</i> , 177: 347-355, 1996
	NO	Soule et al, "Isolation and Characterization of a Spontaneously Immortalized Human Breast Epithelial Cell Line, MCF-10", <i>Cancer Res.</i> , 50: 6075-6086, 1990
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	NO	Nakajima et al, Heparan Sulfate Degradation: Relation to Tumor Invasion and Metastatic Properties of Mouse B16 melanoma Sublines", <i>Science</i> , 220: 611-613, 1983
EXAMINER		Marianne Dibrino
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